

APRIL/MAY 2024

**GOAM35A/DOAM35A — MUSHROOM  
CULTIVATION**

Time : Three hours

Maximum : 75 marks

**SECTION A — (10 × 2 = 20 marks)**

Answer ALL questions.

1. What is Mushroom?
2. Name any four edible mushrooms.
3. What is spawn?
4. Define compost.
5. What are the raw materials used for casing?
6. State the importance of mushroom.
7. Name any four Nematode disease.
8. Which type of vitamins present in mushroom?
9. List out funding agencies for mushroom cultivation.
10. Name any four variety of mushroom dishes.





SECTION B — (5 × 5 = 25 marks)

Answer ALL questions.

11. (a) Illustrate short note on Medically importance bacteria.

Or

- (b) Examine the disk diffusion method and its significance in antimicrobial susceptibility testing.

12. (a) Justify the epidemiology of pneumococcal infections, including prevalence and distribution.

Or

- (b) Deduct the laboratory methods used for the diagnosis of *Mycobacterium* infections.

13. (a) Discuss the general characteristics of *Rickettsia* sp.

Or

- (b) Outline the pathogenesis of *Vibrio cholerae* infection in humans.

14. (a) Summarize the fungi, and why is their detection important in clinical specimen?

Or

- (b) Elaborate the general characteristics and laboratory diagnosis of *Microsporum* sp.

15. (a) Explain the laboratory methods used for the diagnosis of mycetoma.

Or

- (b) Show the immunodiagnostic methods in mycology, and why are they important in fungal disease diagnosis?

SECTION C — (3 × 10 = 30 marks)

Answer any THREE questions.

16. Write a detailed account on Normal flora of human body.
17. Analyze the spread and prevalence of tetanus in different populations and regions, including risk factors and transmission routes.
18. How does *Treponema pallidum* infect the human body and lead to the development of syphilis?